Professor Charles E. Bessey's Observations at the World's Fair---III



FILIPINO IN THE WILD STATE-THIS IS A CHIEF OF THE HEAD HUNTERS-COMPARE WITH NEXT

FAR the largest building on the World's fair grounds is the Hall of Agriculture, with an end front thirty rods wide and a total length of almost one hundred rods. It stands on a rise of land which separates it by a little from all the other buildings. Some idea of its immense size may be obtained by comparing its height with that of the crowds of people at its doors in Figure 1, which shows the north end of the building. Approaching it from the north, one's attention is attracted by the Ceylon building on the left and the Canadian building on the right, both filled the Nebraska exhibit. I must hurry away with exhibits characteristic of the count to the Hall of Horticulture, directly south

may get a cup of genuine Ceylon tea. Directly ahead is the great floral clock, them all. I walk through the aisles, by which is no doubt the largest clock ever built. The face is more than 100 feet in fungry. I find Arkansas, "the land of the diameter and made entirely of flowers, big, red apples," and, sure enough, here The figures are made of dark-foliaged they are in quantity, and they are big and plants set in a mass of lighter foliage. The face is so large that a single minute is about five feet long. The clock is of his work of determining which fruits are the kind in which the minute hand moves minute by minute, the hand resting between each movement. At the hour time is struck on a large bell in the little white tower on the right at the back. I may say in passing that the machinery for running the clock is found in these

The Agricultural Exhibits. New Zealand, Austria attract one's notice like to look at moving things, and so they

among foreign countries, while here the hang about the fish tanks, and lean over wheat, outs and grasses shown by Iowa, the immensa exhibit, mainly of corn, made Missouri, the corn, wheat and cats and the "corn steer" of Kansas, but I pass these rapidly as I make my way to Nebraska. Its beautiful sixty-foot tower of golden corn is the finest thing of its kind in the building. And so is its exhibit of grasses and grains. Here is where the show made by some states.

I cannot say soo much for the little Theater and the moving pictures of Ne-tracks form scenes. I was so fortunate as to be given an excellent seat at one of these exhibits. The room was packed with a most appreciative audience. Here they saw herds of fat hogs, flocks of fine sheep, herds of cattle and horses, and many characteristic farm scenes, all takes from actual life. It was a most pleasing series of pictures, and all who saw them felt that indeed this is a good state, flowing with milk and honey. At the close of the exhibit I heard a man say that his only criticism was that it wasn't long

Hall of Bortleulture. But I must not stop too rong, even in tries to which they belong. The Ceylon of the Hall of Agriculture. Here I find building is said to be a reproduction of apples, apples, apples. They are of all an ancient Buddhist temple. In it one sorts and colors and sizes and kinds. They all look nice, and one wishes he could eat state after state, and grow more and more red. At this point I meet Prof. Hanson, the expert judge, who is perspiring over the best. At last I reach Nebraska and feel at home, for here I am asked to eat

indeed. One of the most interesting buildings is the one devoted to forestry, fish and game. The west end is devoted to forestry wholly, Entering the main doorway of the Hall while in the east end most of the space of Agriculture, one is bewildered at the is given to fish and game. I don't care vastness of the room and the multitude of especially for the latter, but notice that exhibits. Great Britain, Japan, Germany, the crowds are densest in this end. People

some of the beautiful samples. I eat and

pronounce them good. Were I the judge,

Nebraska fruit would be placed very high

states of the union vie with each other the railing to look at the disconsolate in showing what they can do in the way beavers and other beasts. That they are of making an effective showing of their attracted by the living, moving thing is I cannot attempt to tell here shown by the fact that they pass by the what the different states show. That task stuffed animals with scarcely a glance. So must be reserved for the "Official Cata- the crowd goes on by the samples of ex-Of course I looked at the corn, quisite woods shown by many states. California has a magnificent exhibit with woods of many colors. Louisiana shows its many woods in a very instructive and helpful way, for each block is not only labeled in large letters, but on it is a suggestive printed paragraph calling attention to the value and uses of that particular wood, The United States bureau of forestry brains of those who prepared the material teaches several valuable lessons in a series came into play. Everything about the of large photographic transparencies showexhibit is very perfectly done. This is ing methods of planting, cutting, reforest-the characteristic feature of this unique ing, forest destruction, effect of fires, etc. exhibit. Instead of a manufactured model Several of these views are taken from the of an ox, we have the genuine thing in forest reserve in central Nebraska, showthe skin of the most perfect steer that ing how the seedlings were started and this country has seen for many a year, how they are set in the ground afterward. There he stands, the incomparable "Chal- Near the building is a plot of ground lenger." admired by everyone who passes showing all stages of the growth of forest He represents something real. There, trees from the seed beds to those which too, are his ribbons-the very ribbons that have attained considerable size. Not far he won last year in Chicago. That ex-away are several larger areas devoted to hibit alone is worth more than the whole out of door demonstrations by the United States bureau of forestry.

Big Locomotives. In the Transportation building I saw the biggest locomotive ever built. It is in reality a double locomotive. Near the front of the monster machine are the steam



FILIPINOS CONSIDERABLY MODIFIED BY EDUCATION-THESE ARE PUPILS IN ONE OF THE SCHOOLS

back of the hindmost driver is another pair artistic arrangement, impress one most of steam cylinders turning three more pairs favorably. Nebraska's educational exhibit of driving wheels. So there are six pairs is one of the gems of the building. of driving wheels upon which rests the en-

tire weight of this immense engine. The total weight of engine and tender is 240 tons, which is nearly double that of showing of what he does it is well done. any other engine shown. And yet some of That we learned in Chicago and Omaha. In the other engines are monsters. One of the first place the Government building in these is mounted on an elevated turn- the St. Louis fair is very pretty, with ettable, where it puffs away, turning its fective colonedes on its northwesterly side. wheels, and at the same time slowly re- If we run down the central corridor and tating on the turn-table. Nearby is a gisnee right and left we see the exhibits of series of locomotives from the earliest the Postoffice department, Interior departcrude beginnings up to the present type, ment, Commerce and Labor, Treasury, When one compares the feeble little engines of seventy-five to eighty years ago. The postoffice people show how letters are with such powerful machines as these stamped by a machine, which does the work mentioned above, he gets some idea of the of many men, while the treasury people are great improvements which have been made in transportation.

Universities and Schools. But I must hasten on. I can only glance at the Educational building, with its space given to the colleges and schools of the Peaches and pears, cases of fibres, grains, country. Here is a room labeled "Har- grauses, weeds, nuts, etc. In one corner is vard," there one with the inscription of a pathological laboratory, with an expert Yale, another with Columbia, still others with Johns Hopkins, Michigan, Cornell. California, etc. Here the loyal sons of these institutions write their names in the visitors' books and fondly look over the catalogues and descriptions of the giories and advantages of their favorite colleges. I visit the exhibit of the Nebraska schools

Little Brown Men and Women.

The Government Building.

When Uncle Sam undertakes to make a

War, Navy, Justice, State and Agriculture,

actually cotning money. The Agricultural

department shows new seeds and products,

new and strange insects, models of ma-

chines and buildings, etc. There are cases

containing samples of timber diseases,

models of musbrooms, sugar beets, apples,

to run it. In another we find an expert in

general charge of the agricultural exhibits,

genial and ready to give helpful informa-

tion. Yes, Uncle Sam knows how to make

a good show.

One day I accepted an envitation from my old time friend, Dr. Wilson, and went with him to see the little brown men and We saw the products of the islands, the beautiful woods, the striking pictures and statuary, but the most interesting of all are the people themselves. The full grown men look like 14-year-old boys and the women like girls of from 9 to 12. The children are the funniest of all, quick and bright, and yet honest and simple-rainded. There is, however, a great distance from them to us. If our ancestors ver were like these curious Filipines, it est have been a very long time ago. They

re still in the childhood state of the human race, and here, no doubt, they would have remained for ages had we not come into relation with them. We shall probably be able to develop them with great rapidity, for they appear to be eager to learn. We shall probably witness the quick development of these Oriental people, as we have the Japanese Already they are laying aside their breech-cloth suits and putting on our coats, trousers, shoes and hats. I saw one chief wearing a silk hat. They are like our Indians in their love of adorning themselves in our garments.

Here my visit ended. From the Filipino village I hurry to my hotel and to the -rowded rallway station, and still more rowded train. The train pulls out, and in he distance I catch sight of the flashing ights of the great exposition as we go cattling by in the dusk of the early evening on our way toward Nebraska. In due time our train pulls into the home station once more and the World's fair is a pleasant memory and a thing of the past,



NORTH END AND MAIN ENTRANCE OF THE AGRICULTURAL BUILDING, WITH THE GREAT CLOCK JUST IN FRONT—THE CANADIAN BUILDING AT THE RIGHT AND THE CEYLONESE BUILDING AT THE LEFT.

Latest Developments in Electricity Described by a Noted Expert

really doing, come to the St. goes on. even without the aid of the "hello" girl. noveities."

Yes. Actually telephoning without the intervention of her nasal twang, and with- use?" out the danger of her hearing the secrets they transmit. They make their own connections and talk as long as they please, unbossed by her majesty.

In my talk with Prof. Goldsborough, I asked him about these automatic tele-

phones. He said: 'We have three different systems exhibited here. The Strowger system has been in process of development for a number of years, but it has only recently become thoroughly commercial, and it is now extensively used in the factory towns about Boston and Chicago. We have it here in the electricity building and use it in our business. The exchange is so arranged as to show the working of about 10,000 tele-We have telephones at each of the various entrances of this building, in our offices, in the laboratory of the na-

'In addition to ventions along every line are shown here. Goldsborough, "we have the Faller auto-This is the twentieth century fair, and it matic telephone system, which has been has all sorts of new twentieth century ma- so developed that it is now ready for comchinery. I have spent today in the great mercial application on a large scale, and Palace of Electricity, talking with Prof. also the automatic telephone of the Bell Goldsborough, who has charge of the elec- Telephone company. The Bell Telephone trical department. I have watched girls company has been quietly perfecting such cooking with lightning, and smoothing machines for several years, and they have boiled shirts with electric irons. I have their apparatus now on view in section 17 seen men healing diseases with electric of this building. This is practically the sparks, telegraphing a thousand words a first announcement that has been made of minute, telephoning without wires, and it, and it is one of our most important

"Will such telephones come into general

"I believe that they will be used at first in small installations," said Prof. Goldsborough. "It may take some time to adapt them to the cities or to make it possible Sphere of the Automatic Telephone, that they should take care of the enormous traffic of a large city without the use of operators. That is a matter of gradual development, and it involves serious engineering problems."

"Then we shall have operators for some time yet?"

"I think so," was the reply. "We still use tallow candles, gas lamps and coal oil; although we have the electric light, which excels them as an illuminant. It is not possible to say as yet that the automatic telephone will do away completely with the central station telephone."

Talking Without Wires.

"How about the wireless telephone?" "That is a new invention which is shown tional bureau of standards and otherwise. in a comprehensive way and on a sound The system gives us a means of secret engineering basis for the first time at this

(Copyright, 1904, by Frank G. Carpenter) communication with one another, the cen- exposition. You can see it in the Palace of ments which would be valueless in con- the progress made in that direction. Prof. cooking, and they are thoroughly success- the Palace of Electricity is an electrical LOUIS, Oct. 28.—(Special Cor- tral office being eliminated. We can tele- Electricity and listen to the transmission nection with any other kind of a demon- Goldsborough replied: respondence of The Bee.)-If you phone what we please, and it is practically of articulate speech without wires. Prior stration. want to see what the world is impossible for any one else to know what to this, demonstrations have been effected where the ground or currents of water used as a means of perfecting the circuit between the instruments. Here at the exposition we have an absolute divorcement of the tran m tting and receiving instruments, one from the other, without any physical connection whatsoever. A person, equipped with one of these telephone transmitters and the coll attached thereto, can pass freely through the court and central aisles of this great building and distinctly hear the words spoken at the transmitting station, which is entirely out

of view and far beyond ear range. The intent of this demonstration is conclusively prove that the connection is absolutely wireless. We can easily show the general public that wireless telephone stations are installed and in operation, but it is difficult to make many believe that there is not some means of transmission finely equipped stations inside the elecbetween the stations. You can easily see tricity building, two towers, each of which that this could not be the case with the wireless telephone system exhibited here, as the person having the receiving apparatus in his hand knows that it is entirely free from any outside connection."

to listen to some central speaker or to talk between man and man?" "So far the system is used here only as a means of enabling one speaker to talk to large number of listeners Whether it will ever have a commercial

"Then the only use of this invention

value remains to be shown." "How large an audience could one man address through one of these machines and be distinctly heard, Prof. Goldsborough?" I asked.

"As an engineering possibility it would be perfectly feasible to install such an apparatus, so that one speaker could address at least 100,000 people, and each could hear him with equal distinctness. Such an experiment, however, would re-

The Wireless Telegraph.

"How about the wireless telegraph?" "That is a different proposition," said the chief of the electricity palace. "Half dozen systems of wireless telegraphs are now being used. There are several operated in the Unted States, and Great Britain is spending a large sum of money every year to equip its battleships with them. Our government is also experimenting with the different systems, and wireless telegraphy is now used by public on a very extensive scale. It is degree from the present trolley car to the used far more than the people realize in communications between stations on land and upon sea. There are at the present great extent what this new development intime two well organized and strong companies carrying on the wireless telegraph business in the United States. The De Forest Wireless Telegraph company has roads?" here at the exposition, in addition to two is over 250 feet high. From these towers dred miles apart, more cheaply and with messages can be simultaneously sent out the same safety and speed as the steam to two different points, and before the closing of the fair they will transmit messages as far as Kansas City and Chi-

"Do you think it will ever be possible to telegraph across the Pacific, Prof. Goldsborough?"

"It is within the range of possibility, although it may be long before it is attained. The De Forest company has already equip- mon in America. ped a large station at Seattle. We have a model of that station in the electricity building. From Seattle messages will be main track near the city of New York with sent to Alaska, to cities on the Pacific electric apparatus and has placed an order lands and the orient. It would be a wonderful thing if we could telegraph from San Francisco to China, would it not?"

New Things in Transportation. The conversation here turned to elecquire the installation of a set of instru- trical transportation, and I asked as to

"In electrical transportation there is and likely to entirely revolutionize the system of electrical transportation, especially over long distances; but the character of the inventions is so extremely technical that the general public would not be able to appreciate all that they carry with them A car equipped with an apparatus designed current does not appear different in any layman, and, indeed, only a trained and attendants in charge of the exhibit. skilled electrician can appreciate to any

volves.' "Does that mean that electricity will take the place of steam on our big rail-

"I think it safe to say," replied the electrician, "inasmuch as electric cars are now being operated between citles several hun railroads, and that without the aid of freight traffic, that the capitalists will eventually see that they can make a saving by doing away with the steam locomotive and taking the electric locomotive in its place. This is especially so because recent developments include electric rallway apparatus which are much more economica for long distance work than those now com-

"The fact that the New York Central railroad has equipped thirty-six miles of its coast, and possibly to the Hawaiian is- for thirty electric locomotives capable of making a speed of seventy-five miles per hour with heavy Pullman trains, is one indication that a great change is about to take place in the method of handling traffic on our big roads. This change will first come where the volume of business is heavy, and where there are many trains every day."

Cooking by Lightning.

"I see that you have girls here cooking by means of lightning. You have electric irons and electric stoves, and all sorts of electrical cooking appliances as well as electrical heaters. Are these things practical?" "I think they are," said the head of the Italian. electrical department of the World's fair. "Electric heating is now used very extensively. A great number of factories now employ electric soldering irons and heating rone. They find it economical inasmush as the person pressing out hats or cloth does not have to stop every few minutes to get o hot iron from a stove or heater. The electric iron is always not and a ways ready for use, and the operator's efficiency is greatly increased by her having an electrically heated device rather than one heated by other means.

"As to the use of electrical heating apparatus in the household, it is safe to say that it is constantly encroaching upon the more primitive methods. Electrical heating and electrical cooking are far superior to any other in the matter of convenience Wherever water must be heated it can be heated as economically by the electrical apparatus us by gas or coal, and such cooking and heating can be more easily done than

by any other means. very important thing about cooking and heating by electricity," continued Prof. Geldsborough, "Is that it is much more althy then cooking or heating by coal or is. Electricity makes fees dirt and the pparatus can be quickly and readily cleaned. Again, you can heat any desired vessel without heating up the rest of your surroundings. You can make coffee without bringing the cook and the room to a high temperature, as you must do if you yould heat a smaller quantity of water by coal wood of gas. By the electrical appa ratus all the heat is kept inside the coffee pot and the cook and the room are at a omfortable temperature. You may see this cooking going on in the building. We ful commercially. Trying to Educate the People.

nothing new which the public can appre- "I would like to say," remarked Prof. and are thus taught to speak, and through ciate. There are new things. I might say Goldsborough, "that the exhibits of the this apparatus their education can be carstartlingly new, to the engineering world. Palace of Electricity have been designed ried on. Indeed, it is believed that it will especially for the general public rather than for the electrical engineer. This exposition is educational and we are trying to show the people as much as possible about the new things in the electricity of today. We have here complete arc lighting systems, so displayed that the layman to work under a high pressure alternating can see just how his city plant is operated and handled. He can if he will, have all the details explained by calling upon the

"We have also a splendid laboratory here for the testing of large electrical machinery. The facilities of this workshop are beyond those of any of our university laboratories. Indeed, a group of eight students could be continuously occupied there for more than two years, studying the behavior and characteristics of electrical machines, and not exhaust its resources It is so with many other features. They are made for the public and the attendants are hibit that is not apparent on the surface."

Healing Diseases by Electricity. ress has been made in this field. He has exhibits of the electric light bath, and it is, I believe, possible for a person who feels full view of the public. In the same way ray instruments of different kinds.

One of the most interesting features of tions.

apparatus by which the deaf are made to hear. Classes of deaf mutes come here soon be in general use throughout the United States and that it will do much to better the condition of our so-called deaf

But I cannot even mention the number of

Other New Things.

new things in electricity which are shown here. There is much new in electric lighting, including a factory where incandescent lamps are made. The complete process of manufacture is shown, the factory having an output of more than 1,000 lamps per day. And then there are electric locomotives which claim a regular speed of more than 100 miles an hour; and telegraph instruments upon which can be sent from 1,000 to 2,000 words a minute. There are other instruments for sending pictures and handwriting by telegraph, and there are also telephones and phonographs combined, by which one can have recorded on a wax cylinder the messages sent him when he is ready to answer why and wherefore every- away. There are electric motors and genthing is, so that the visitor may carry erators, some of the motors so small they away the knowledge of much in each ex- are just fit to run a sewing machine, and some generators so large that they do the work of 10,000 horses. There are all kinds The use of electricity in curing disease is of storage batteries, some for use in counwell shown in the electricity building. Mr. try houses and others adapted to auto-Goldsborough tells me that startling prog- mobiles. There are automobiles from different parts of the United States and from the several countries of Europe. You can ride about the grounds in automobiles, and under the weather to take one here in the there is an automobile service to and from the hotels. In short, there are all sorts of various electric brushes are shown and X- things here moved by electricity, and in every branch there are many new inven-

Romantic and Curious Matrimonial Ties

Pa., Miss Edith Ann Oliver, unattended by any member of her shock. Her condition, however, is not wearing family, was married to the Marquis Alfred Dusmot de Smours, a titled

The previous afternoon the couple were married by a justice of the peace in Lee township. The following day there was another wedding in St. James Roman Catholic church at Sewickley Heights. This wedding was an unostentatious affair. Social Pittsburg is just a little startled to say the least. Miss Oliver is the daughter of James B. Oliver, and it was not until the Oliver family landed in New York some months ago, bringing with them the titled Italian, that news of the engagement was given out.

Fast Train Aids Elopers By stopping one of the fastest trains on his road at a little way station superintendent Hix of the Scaboard Air Line, aided J. H. Gholson, a merchant of Ma-

rengo, Va., to escape with pretty Janle

Farrow before her angry guardian could intercept them. For some reason the girl's guardian, who was also her uncle, did not look with favor on the suit of Mr. Gholson, Gholson, however, formed a plan and succeeded in communicating with the girl. Mr. Hix agreed to have the fast train stopped for them near the girl's house. She gave her guardian the slip and before he knew what was happening, the two were beyond his reach. They were married at Warrenton,

Widow, Bride and Widow,

Widow, wife and again a widow within arranged. The woman claims that just the short space of seven hours is the mis- before she left Wilkesbarre she converted fortune of Mrs. Eva H. Lyons, who, brave about \$15,000 worth of stocks in a bank ing the danger of contracting smallpox, in Wilkesbarre into each. This is supposed entered the Municipal hospital, Philadel- to have been the money which she charges phia, and there was united in marriage to her husband of three weeks with taking have here utensils for the entire range of her lover, Frank E. Lyons, who was crit- with him when he left has

Three Ceremonies in as Many Days, ically fil with the disease. The ceremony N A dingy little office, nine feet was performed across the 'phone by Mag square, the headquarters of the istrate McCleary. Seven hours later the Italian consulate at Pittsburg, groom succumbed to the malady. Mrs. Lyons herself is prostrated from the

FRANK G. CARPENTER

serious. Mrs. Lyons, then Mrs. Mehren, a pretty young widow, who married her stricken lover, had hoped by her presence to assist in cheering him to a speedy recovery. It was only a hope, one in which the physicians encouraged her but little. The excitement of the ceremony told on the patient and he began to sink rapidly. Stimulants were given, but their efforts were of little avail. The wife sank to the

floor in prayer, while attendants withdrew, leaving the bride alone to watch the life of her lover slowly ebbing away. When led away and the full realization

of the death overcame her, the newly, made bride collapsed.

Wedding Cost Her \$10,000.

Mrs. Frances Levering Pfouts Rogers, whose marriage in Wilkesbarre, Pa., to Joseph Brooks Rogers, a society man, on September 28, was kept a secret until Octoper 21, when she began suit to recover \$10,000 from her husband at Knoxville, Tenn., which sum, she alleges, she gave him on their wedding day, is one of the largest heiresses in that section of Penn-

sylvania. She comes of one of the oldest

families in the county, and her fore-

fathers were among the early settlers

The family home at Riverside, just below Wilkesbarre, is deserted, but an interview with a distant relative of the family brought out the fact that the couple had met in Colorado and the match was soon

The Last of Nebraska's Buffaloes NITA, Ia., Oct. 25, 1904.-To the one man very distinctly-Harry Brayton-Editor of The Bee: In Sunday's Who rode behind my wagon and said to me, issue of The Bee I notice an "Don't be afraid, kid, the old man is here."

article entitled "Nebraska's Last Buffuloes," in which I took considinterest on account of the fact that it refers to matters which took place in my old home, Furnas county, Nebraska, where the writer "run wild" in his boyhood days, from 1871 to 1876. In the year '71 my father emigrated from Warren county, Iowa, to Furnas county, Nebraska, and located a claim five miles south of Beaver City, now the county seat of that county. At a small town called Richmond a store and postoffice combined was operated by a man by the name of Brown-Judge Brown-the first judge in Furnas county.

Beaver City was at that time composed of a store and postoffice. This was in 1871. In 1872 a man came and built a hotel and put up a blacksmith shop. Beaver City is located on Beaver creek, and Richmond is five miles south, on the Sappe, from which place I carried mail on horseback, tied on behind the saddle. I stopped at Spring Green and made two or three other points up the Sappe, as the

settlements were at that time only on the streams, and the distance from Richmond to Kimbali was twenty-eight miles, and we made the trip in a day two days each week, rain or shine, as we were under bonds to protect that mall "unto death." So I provided myself with a big, ugly looking .44 Colts and a carbine, and considered myself We also drove freight well fortified. wagons from what was then Plum Creek Station south across the country to Richmond, a distance of about sixty-five miles; stopped at a place called Dad's Ranche and

The next stop was Arapahoe, then Beaver City, then on to our own little town of Richmond; and on one or two occasions I remember in making the trip we were met near Arapahoe and escorted home by hunters, or scouts, for fear some one would fellow. This was along in June, 1873. hold us up and take our goods. I remember

at another called Vaughn's Ranche.

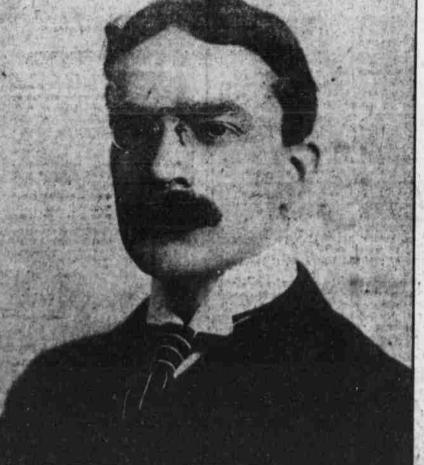
In 1873 the postmaster at Spring Green, Wickliffe Newell, took the contract to supply several thousand pounds of buffalo, and myself and two other parties, Mathon and Galon James, took the contract to deliver the meat to Beaver City. About the last of November we loaded our wagons with provisions and grain enough to last us three weeks and started for the headwaters

of the south fork of the Republican river. We left Beaver City about the 1st of December, followed up the Beaver creek through a place called Wilsonville, then to Cedar Bluffs and from thence to Big Timber, and then crossed over onto the Republican and followed it up to the headwaters, got onto the wrong trail and missed our man, Newell; wandered around three or four days, became discouraged and started back. By and by we overtook a hunter by the name of Ray, and James hired him to kill our meat, which he soon did, and we struck the back track for home. The weather began to get cold, our horse feed was exhausted, our flour and coffee had run out and we were finally compelled to abandon our loads of meat in order to get back. The weather got colder, the snow began to come down thick and fast, and the wind blew a perfect gale from the north, and such a blizzard no one ever saw, unless he lived in that country. The storm lasted for three or four days. Finally my team gave out, as did also one of the horses belonging to James, and we were forced to abandon them; took the best one of James' teams, 'loaded all our bedding in one wagen and finally, after being out forty-eight days, managed to get home with badly frozen feet-about all in Speaking about buffalo in Nebraska, the last one I saw in Furnas county was killed by a man named Harve Brohard. He and

Loren Tompkins were together, and after

considerable effort finally bagged the big

J. P. RANDLE.



PROF. GOLDEBOROUGH, CHIEF OF PALACE OF ELECTRICITY AT ST.